



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#291E
1600
518-03

In re Patent Application of)
Hisashi OHTANI et al.)
Serial No. 09/226,216)
Filed: January 7, 1999)
For: SEMICONDUCTOR DEVICE AND)
METHOD OF MANUFACTURING)
THE SAME)

Art Unit: 2813
Examiner: L. Schillinger

CERTIFICATE OF MAILING

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The United States Postal Service with sufficient postage as First
Class Mail in an envelope addressed to: Commissioner for Patents,
Washington, D.C. 20231, on 4-30-2003

Adeline M. Stanger

AMENDMENT

Honorable Commissioner of Patents
Washington, D.C. 20231

Sir::

In response to the Official Action dated December 30, 2002, please amend the
above-identified application as follows:

IN THE CLAIMS:

Please amend the claims as follows:

5. (Amended) A method of manufacturing a semiconductor device;
comprising the steps of:

forming a gate electrode over an insulating surface;

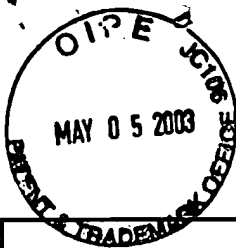
forming a gate insulating film over the gate electrode;

forming a semiconductor film comprising amorphous silicon over the gate
insulating film;

crystallizing the semiconductor film by a heat treatment while a promoting
material for facilitating crystallization is retained on the semiconductor film;

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2813
✓

PTO/SB/21 (08-00)

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

| | |
|--|-----------------------|
| Application Number | 09/226,216 |
| Filing Date | January 7, 1999 |
| First Named Inventor | Hisashi OHTANI et al. |
| Group Art Unit | 2813 |
| Examiner Name | L. Schillinger |
| Attorney Docket Number | 0756-1921 |
| Total Number of Pages in This Submission | |

ENCLOSURES (check all that apply)

| | | |
|--|--|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Assignment Papers (for an Application) | <input type="checkbox"/> After Allowance Communication to Group |
| <input checked="" type="checkbox"/> Fee Attached | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input checked="" type="checkbox"/> Amendment / Reply | <input type="checkbox"/> Declaration and Power of Attorney | <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Petition | <input type="checkbox"/> Status Letter |
| <input checked="" type="checkbox"/> Extension of Time Request | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Other Enclosures |
| <input type="checkbox"/> Express Abandonment Request | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | 1. |
| <input type="checkbox"/> Information Disclosure Statement | <input type="checkbox"/> Terminal Disclaimer | 2. |
| <input type="checkbox"/> Certified Copy of Priority Document(s) | <input type="checkbox"/> Request for Refund | 3. |
| <input type="checkbox"/> Response to Missing Parts/ Incomplete Application | <input type="checkbox"/> CD, Number of CD(s) _____ | 4. |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | Remarks | 5. |
| | <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees required or credit any overpayments to Deposit Account No. 50-2280 for the above identified docket number. | 6. |

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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | |
|-------------------------|--|
| Firm or Individual name | Eric J. Robinson, Reg. No. 38,285 Robinson Intellectual Property Law Office, P.C. PMB 955 21010 Southbank Street Potomac Falls, VA 20165 |
| Signature | |
| Date | 4-30-03 |

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| Type or printed name | Adele M. Stamper | | |
| Signature | | Date | 4-30-2003 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

**FEE TRANSMITTAL
FOR FY 2003**

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) 110.00*Complete if Known*

| | |
|----------------------|-----------------------|
| Application Number | 09/226,216 |
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| First Named Inventor | Hisashi OHTANI et al. |
| Examiner Name | L. Schillinger |
| Group Art Unit | 2813 |
| Attorney Docket No. | 0756-1921 |

METHOD OF PAYMENT

- 1.
- ☐
- The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit
Account
Number 50-2280Deposit
Account
Name Robinson Intellectual Property
Law Office

- ☒
- Charge Any Additional Fee Required
-
- Under 37 CFR 1.16 and 1.17 and
-
- credit overpayments

- ☐
- Applicant claims small entity status.
-
- See 37 CFR 1.27

- 2.
- ☒
- Payment Enclosed:**

- ☒
- Check
- ☐
- Credit Card
- ☐
- Money
-
- Order
- ☐
- Other

FEE CALCULATION**1. BASIC FILING FEE**

| Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description | Fee Paid |
|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------|----------|
| 101 | 750 | 201 | 375 | Utility filing fee | |
| 106 | 330 | 206 | 165 | Design filing fee | |
| 107 | 520 | 207 | 260 | Plant filing fee | |
| 108 | 750 | 208 | 375 | Reissue filing fee | |
| 114 | 160 | 214 | 80 | Provisional filing fee | |

SUBTOTAL (1) (\$)**2. EXTRA CLAIM FEES**

| Total Claims | Extra Claims | Fee from below | Fee Paid |
|----------------------|------------------------------|------------------------|------------------------|
| <input type="text"/> | -20** = <input type="text"/> | X <input type="text"/> | = <input type="text"/> |
| Independent Claims | -3** = <input type="text"/> | X <input type="text"/> | = <input type="text"/> |
| Multiple Dependent | <input type="text"/> | = <input type="text"/> | |

| Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description |
|-----------------------------|-----------------------------|-----------------------------|-----------------------------|--|
| 103 | 18 | 203 | 9 | Claims in excess of 20 |
| 102 | 84 | 202 | 42 | Independent claims in excess of 3 |
| 104 | 280 | 204 | 140 | Multiple dependent claim, if not paid |
| 109 | 84 | 209 | 42 | ** Reissue independent claims over original patent |
| 110 | 18 | 210 | 9 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

| Fee Code | Large Entity Fee (\$) | Fee Code | Small Entity Fee (\$) | Fee Description | Fee Paid |
|----------|-----------------------|----------|-----------------------|--|----------|
| 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath | |
| 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 139 | 130 | 139 | 130 | Non-English specification | |
| 147 | 2,520 | 147 | 2,520 | For filing a request for <i>ex parte</i> reexamination | |
| 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | |
| 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | |
| 115 | 110 | 215 | 55 | Extension for reply within first month | \$110.00 |
| 116 | 410 | 200 | 205 | Extension for reply within second month | |
| 117 | 930 | 460 | 465 | Extension for reply within third month | |
| 118 | 1,450 | 720 | 725 | Extension for reply within fourth month | |
| 128 | 1,970 | 228 | 985 | Extension for reply within fifth month | |
| 119 | 320 | 219 | 160 | Notice of Appeal | |
| 120 | 320 | 220 | 160 | Filing a brief in support of an appeal | |
| 121 | 280 | 221 | 140 | Request for oral hearing | |
| 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | |
| 140 | 110 | 240 | 55 | Petition to revive - unavoidable | |
| 141 | 1,280 | 241 | 640 | Petition to revive - unintentional | |
| 142 | 1,280 | 242 | 640 | Utility issue fee (or reissue) | |
| 143 | 460 | 243 | 230 | Design issue fee | |
| 144 | 620 | 244 | 310 | Plant issue fee | |
| 122 | 130 | 122 | 130 | Petitions to the Commissioner | |
| 123 | 50 | 123 | 50 | Processing fee under 37 CR 1.17(q) | |
| 126 | 180 | 126 | 180 | Submission of Information Disclosure Stmt | |
| 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | |
| 146 | 740 | 246 | 370 | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 149 | 740 | 249 | 370 | For each additional invention to be examined (37 CFR § 1.29(b)) | |
| 179 | 750 | 279 | 375 | Request for Continued Examination (RCE) | |
| 169 | 900 | 169 | 900 | Request for expedited examination of a design application | |

Other fee (specify) _____

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 110.00**CERTIFICATE OF MAILING**

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Name: Adrian Stampu**SUBMITTED BY**

Name (Print/Type) Eric J. Robinson

Signature [Signature]Registration No. 38,285
(Attorney/Agent)*Complete (if applicable)*

Telephone (571) 434-6789

Date 4-30-03